

FIG. 1



SUPPLIER

<hr/>	NAME
<hr/>	ADDRESS
<hr/>	PHONE
<hr/>	
PARTS	
<hr/>	NAME
<hr/>	TYPE
<hr/>	WEIGHT

FIG. 2



AMPERSAND iBizApps M.A.Sridhar AMI

Sites List Create New Site

parent Sample

Set Site Options List UDMs in Site

Create Standard UDMs

Create Custom UDM

Edit session variables

UDM name: supplierParts
UDM type: custom

0 - supplierParts
1 - supplier
2 - Id
3 - Name
4 - Address
5 - Phone

Add a child to node supplier

Step 3. Specify database parameters for retrieving data:

New node's type: Part

Choose terms for data retrieval:

PartId = None

<input type="radio"/> None	
<input checked="" type="radio"/> Link_Supplier_id = ?2?	<input type="text"/>
Link_Part_id	Part.Id

Fig. 3



AMPERSAND iBizApps AMI

Sites List Create New Site

agentSample Set Site Options List UDMs in Site

Create Standard UDMs Create Custom UDM Edit session variables

UDM name: supplierParts
UDM type: custom

Parts supplied by \${supplierParts.supplier.name}

0 - supplierParts
1 - supplier
2 - Id
3 - Name
4 - Address
5 - Phone
6 - parts
7 - Id
8 - Name
9 - Weight

Name \${supplierParts.supplier.Name}
Address \${supplierParts.supplier.Address}
Phone \${supplierParts.supplier.Phone}
Name \${supplierParts.supplier.parts.Name}
Weight \${supplierParts.supplier.parts.Weight}

SupplierParts

Fig. 4

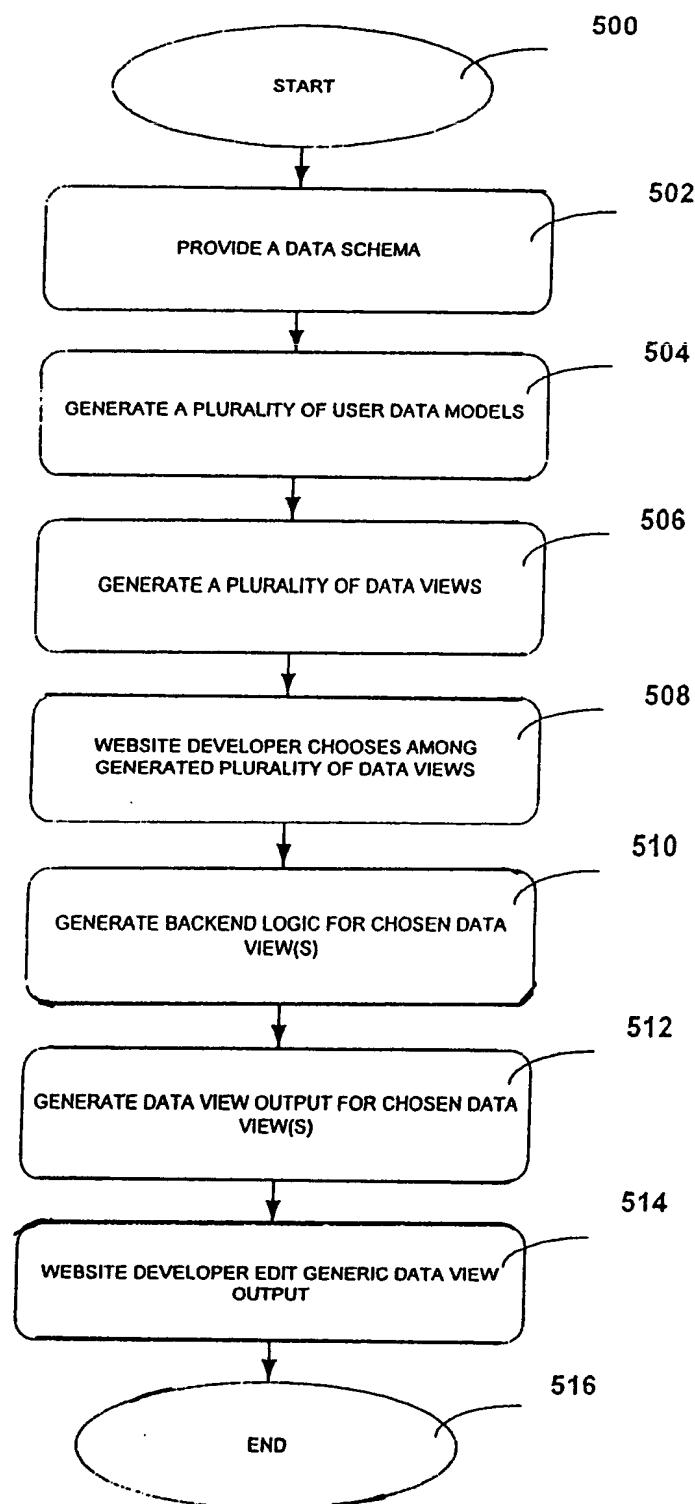


FIG. 5

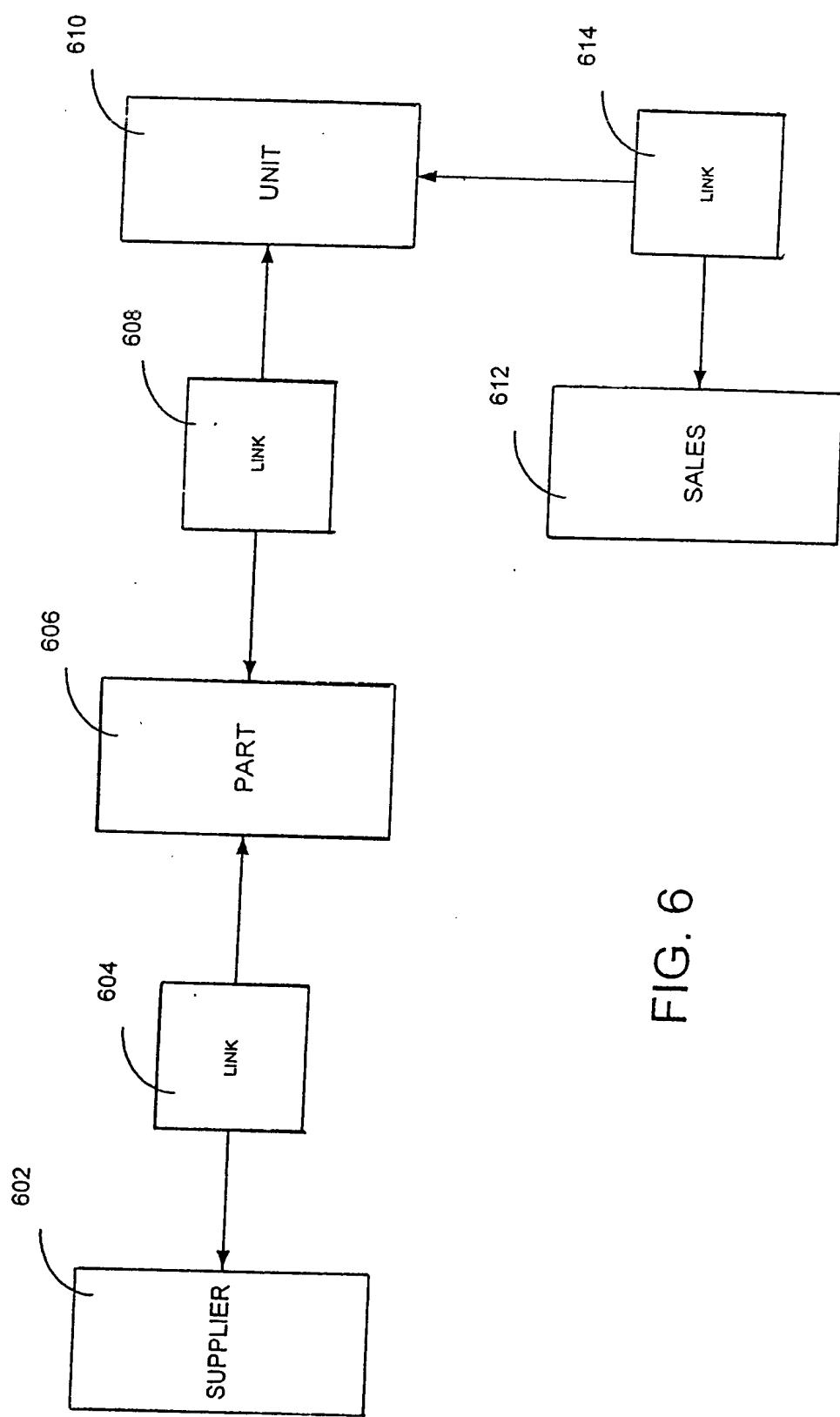


FIG. 6



SUPPLIER

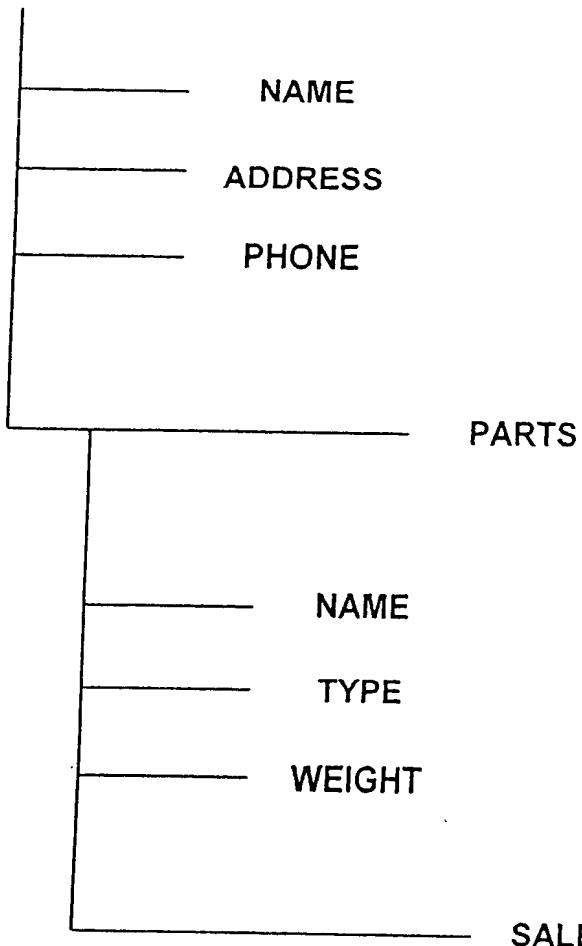


FIG. 7

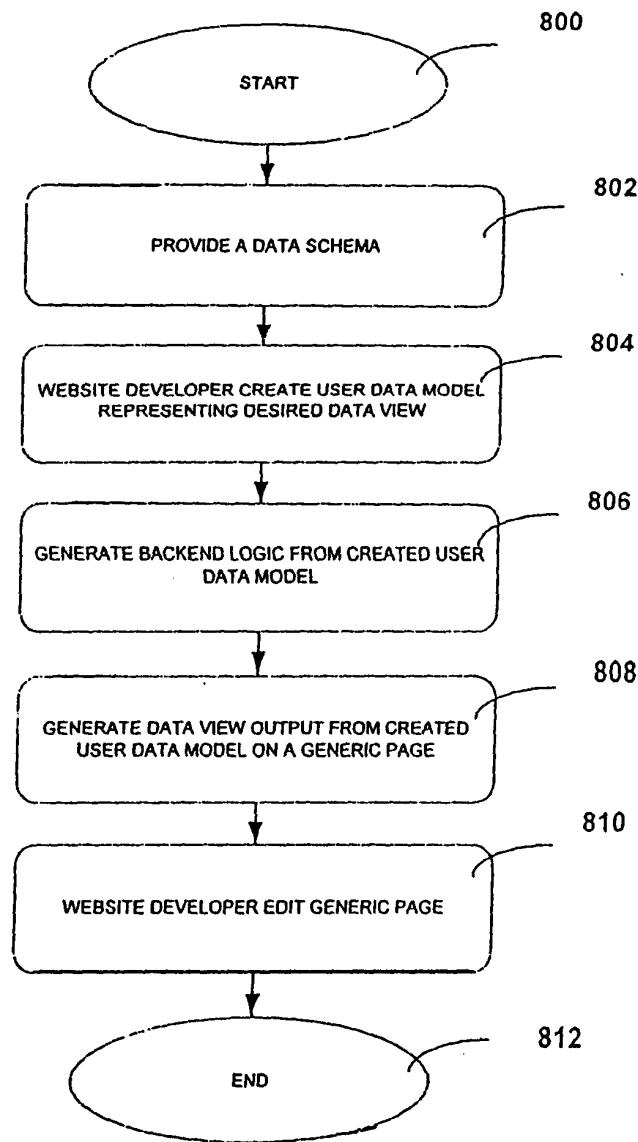


FIG. 8

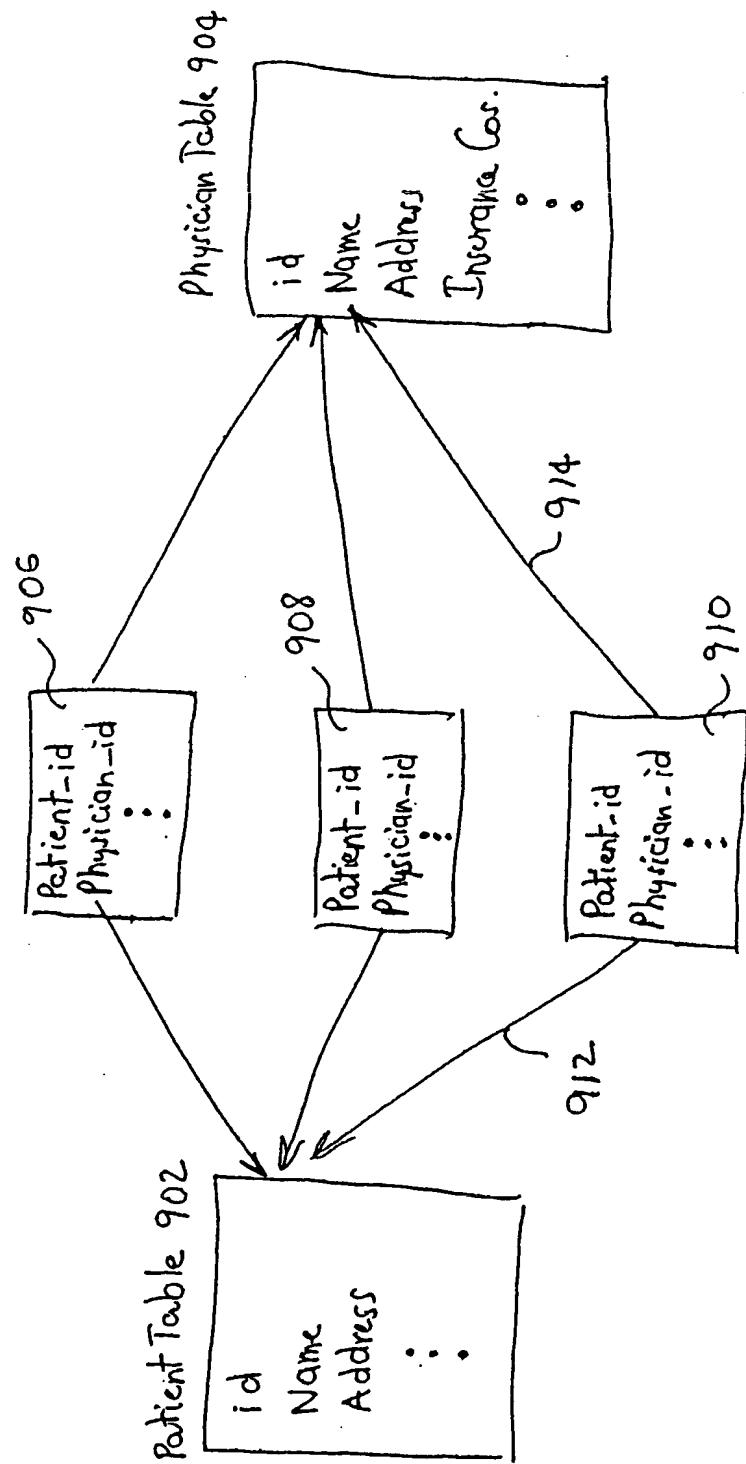


Fig. 9



RECORD ID	NAME	ADDRESS	CITY	STATE
15	ACME TECHNOLOGIES	123 SPRING ST	RENO	NV
21	PAPER-R-US	17 TECHNOLOGY DR.	SAN JOSE	CA

RECORD ID	NAME	TYPE	DESCRIPTION
3	SHOE POLISH	PERSONAL SUPPLIES	BLACK
7	TOOTH PASTE	RESALE	FLOURIDE ENHANCED
14	PAPER CLIP	OFFICE SUPPLIES	PLASTIC SIZE 4

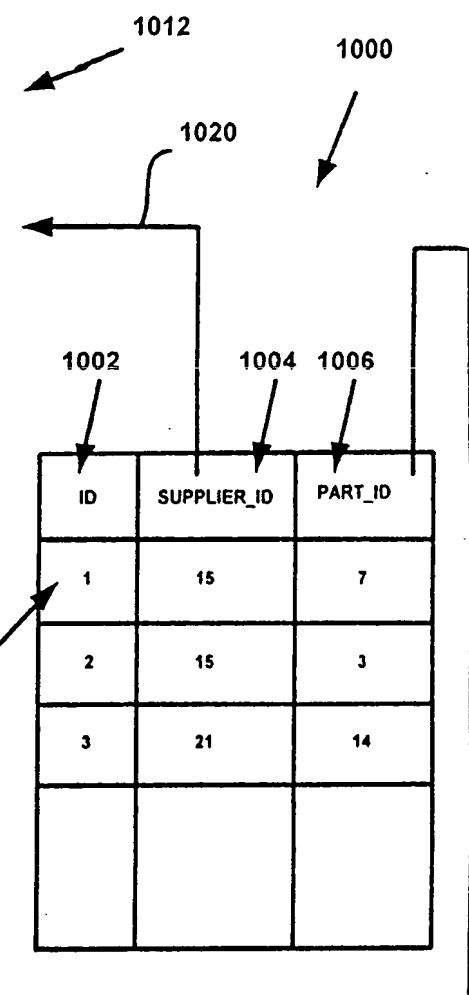


FIG. 10

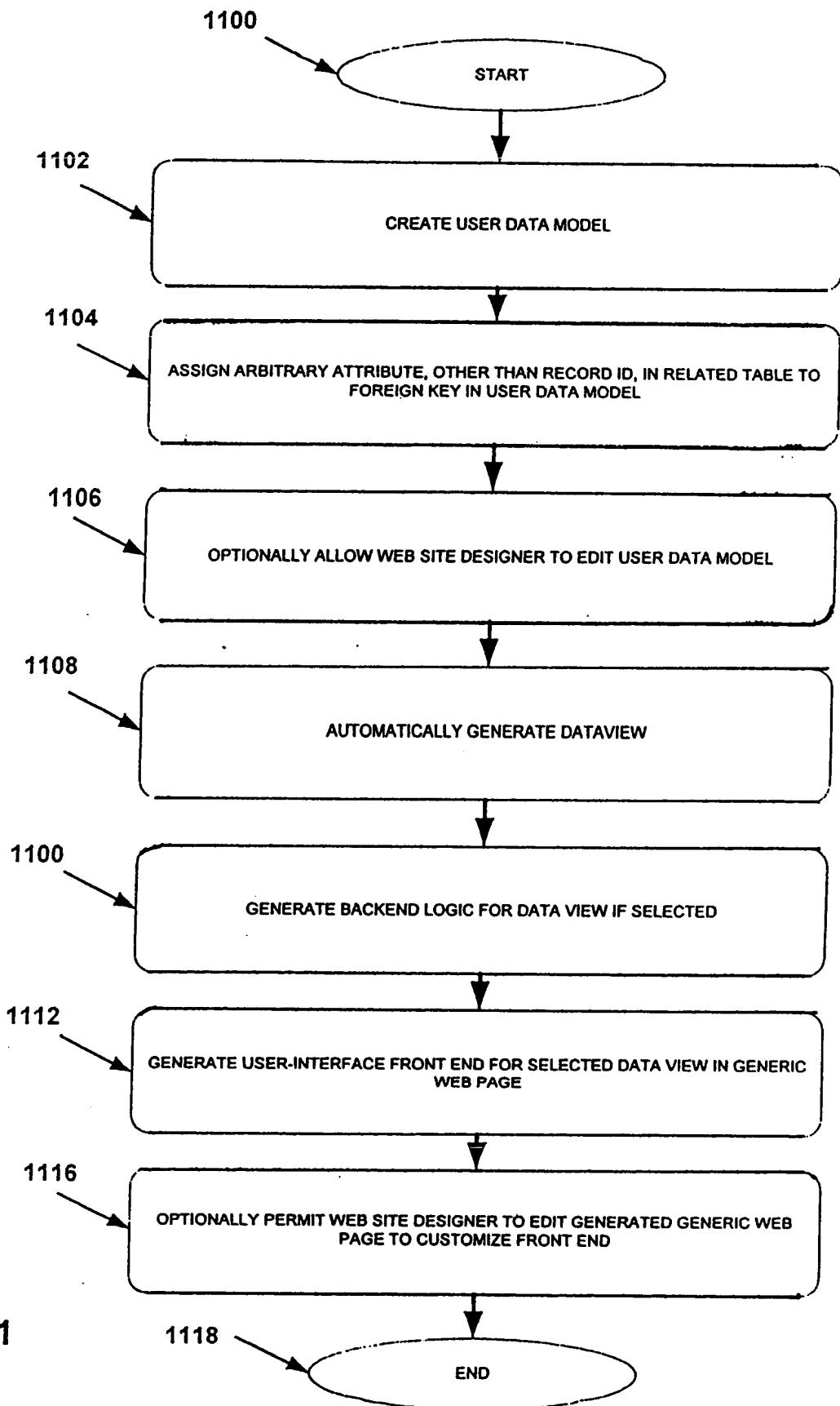


FIG. 11



ROOT

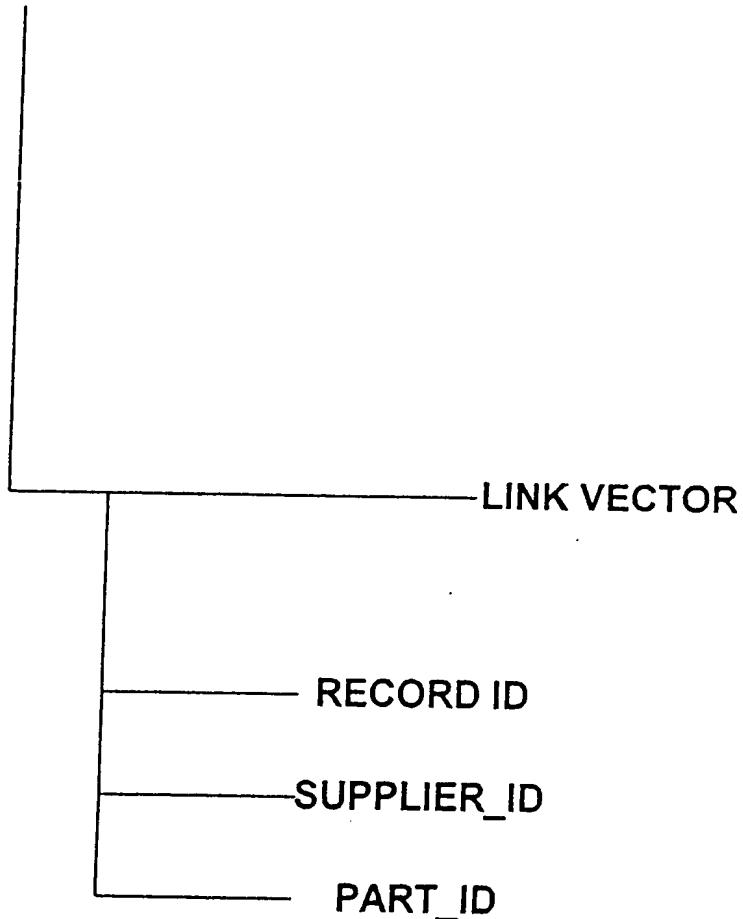


FIG. 12



RECORD ID	SUPPLIER ID	PART ID
1	ACME TECHNOLOGIES	TOOTH PASTE
2	ACME TECHNOLOGIES	SHOE POLISH
3	PAPER-R-US	PAPER CLIP

FIG. 13



RECORD_ID	NAME	ADDRESS	CITY	STATE	Supplier-Part_ID
15	ACME TECHNOLOGIES	123 SPRING ST	RENO	NV	2
21	PAPER-R-US	17 TECHNOLOGY DR	SAN JOSE	CA	1

RECORD_ID	NAME	TYPE	DESCRIPTION	Supplier-Part_ID
3	SHOE POLISH	PERSONAL SUPPLIES	BLACK	1
7	TOOTH PASTE	RESALE	FLOURIDE ENHANCED	1
14	PAPER CLIP	OFFICE SUPPLIES	PLASTIC SIZE 4	1

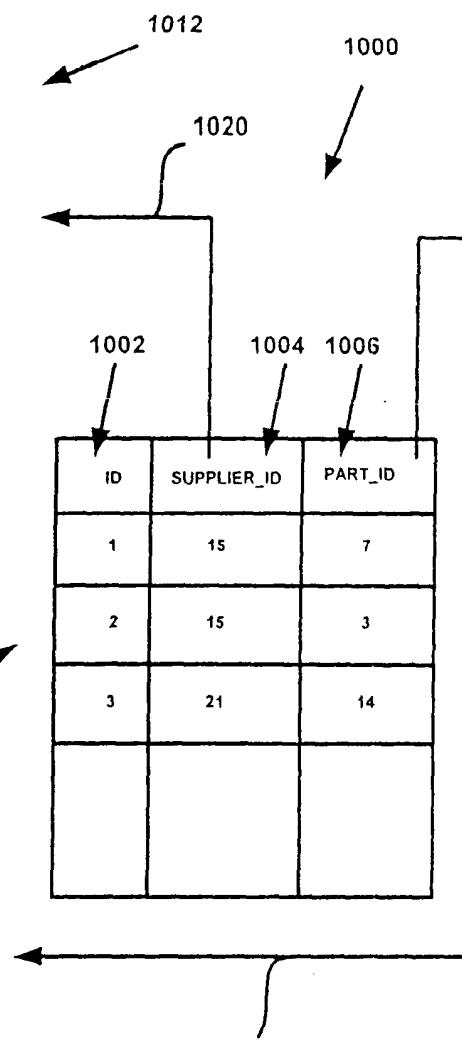


FIG. 14



RECORD ID	NAME	ADDRESS	CITY	STATE	Supplier-Part ID	Supplier-Invoice ID
15	ACME TECHNOLOGIES	123 SPRING ST	RENO	NV	<u>2</u>	<u>5</u>
21	PAPER-R-US	17 TECHNOLOGY DR.	SAN JOSE	CA	<u>1</u>	<u>3</u>

FIG. 15



File Edit View Favorites Tools Help 123 Links <http://192.168.0.7:42432/zcSite/reverseFkForPatent/index.html> [Splash!](#)

Welcome to SupplierSite

List

	NAME ►	SUPPLIER CATEGORY ►	ID COUNT
Category			3
Invoice			2
Part			1
Supplier			
Supplier_part_link	#		
Custom	<input type="checkbox"/> Consumable goods <input type="checkbox"/> Durable goods <input type="checkbox"/> Software		

[Delete](#) [Search](#) [Add](#)

Fig. 16A



File Edit View Favorites Tools Help Link to Site http://192.168.0.7:42432/zcSite/reverseFkForPatent/index.html

Welcome to SupplierSite

Browse Supplier by Category

List
Category
Invoice
Part
Supplier
Supplier_part_link

Custom

Category

Name	Consumable goods
------	------------------

Supplier list

#	NAME	STREET ADDRESS	CITY	INVOICE SUPPLIER ID COUNT	SUPPLIER PART LINK SUPPLIER ID COUNT
1	Acme Technologies	123 Spring Street	Reno	2	2
2	Universal Paper Clips Inc.	18 Metal Oval	Sunnyvale	0	0

Fig. 16B

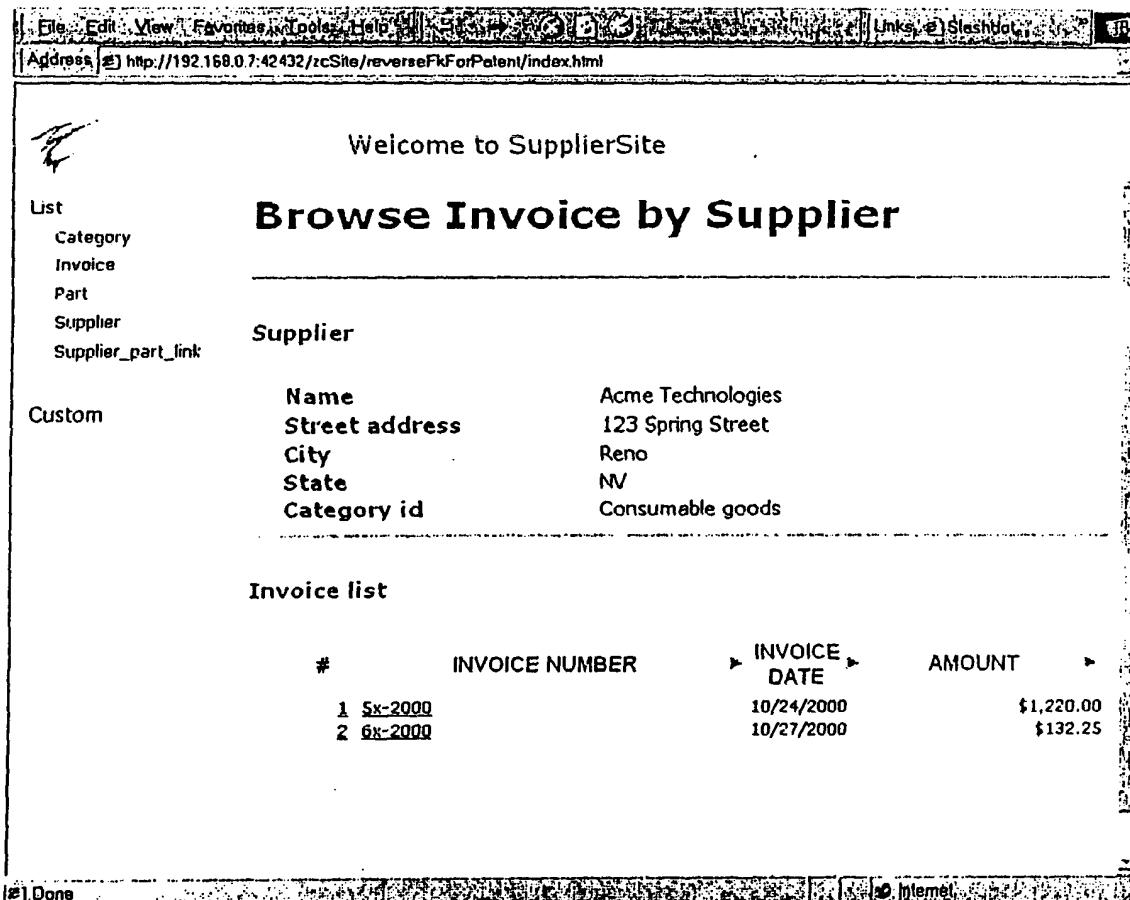


Fig. 16C



File Edit View Favorites Tools Help

Address http://192.168.0.7:42432/zcSite/reverseFkForPatent/index.html

Welcome to SupplierSite

Browse Supplier part link by Supplier

Supplier

Name	Acme Technologies
Street address	123 Spring Street
City	Reno
State	NV
Category id	Consumable goods

Supplier part link list

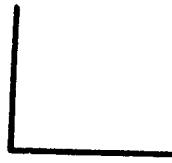
#	PART ID
1	Shoe polish
2	Toothpaste

Contains commands for working with the selected item.

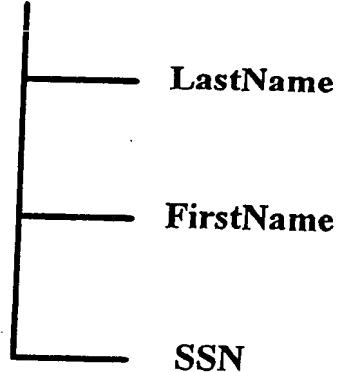
Fig. 16D



Employee



Employee Infos



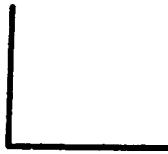
1710



Fig. 17



Employee



Employee Infos



Fig. 18



1910

Employee Data Input Form

Last Name	<input type="text" value="Williams"/>	1912
First Name	<input type="text" value="John"/>	1914
Social Security Number	<input type="text" value="123-45-6789"/>	1916
<input type="button" value="Enter"/>		

Fig. 19



Encoding

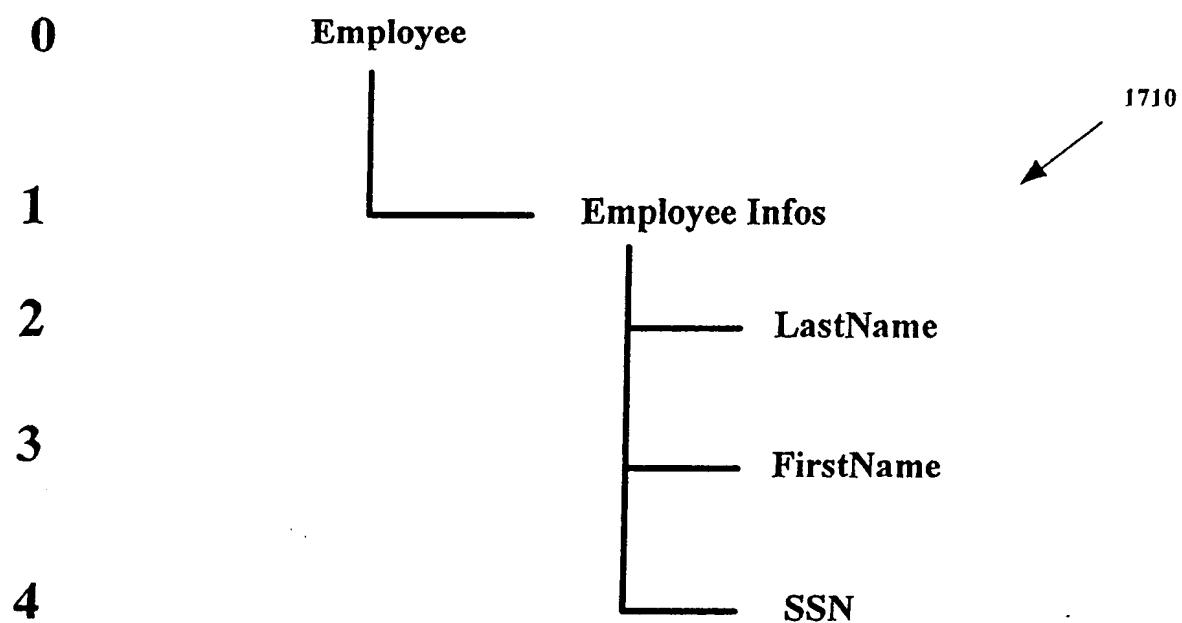


Fig. 20



LastName : <input name = "0-1-2">

FIG. 21A

FirstName : <input name = "0-1-3">

FIG. 21B

SSN : <input name = "0-1-4">

FIG 21C



UDM name: editOrder
UDM type: custom

2210

```
0  [-] editOrder
  1  [-] header ~ 2218
  2    [-] order_id ~ 2212
  3    [-] company ~ 2214
  4    [-] order_date ~ 2216
101  [-] lineItems ~ 2220
102    [-] item_id ~ 2222
103    [-] quantity ~ 2224
104    [-] description ~ 2226
105    [-] price ~ 2228
106    [-] order_id ~ 2230
107    [-] order_id_deref ~ 2232
112  [-] lineItems_listCtl
113    [-] count
114    [-] orderBy
115    [-] pageList
116    [-] thisPage
117    [-] previousPage
118    [-] nextPage
119    [-] pagingAmount
```

Fig. 22



Order

2310
✓

Company: Acme Corp. ~ 2312
Order date: 10/13/2000 ~ 2314

3 items

Sort by

#	Quantity	Description	Price
1	4	Shoes	<u>\$4.99</u>
2	6	Toothpaste	<u>\$6.99</u>
3	7	Comb	<u>\$1.99</u>

Fig. 23

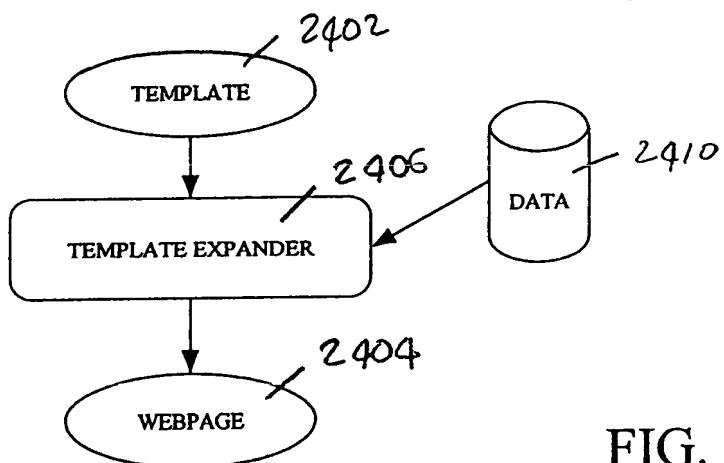


FIG. 24

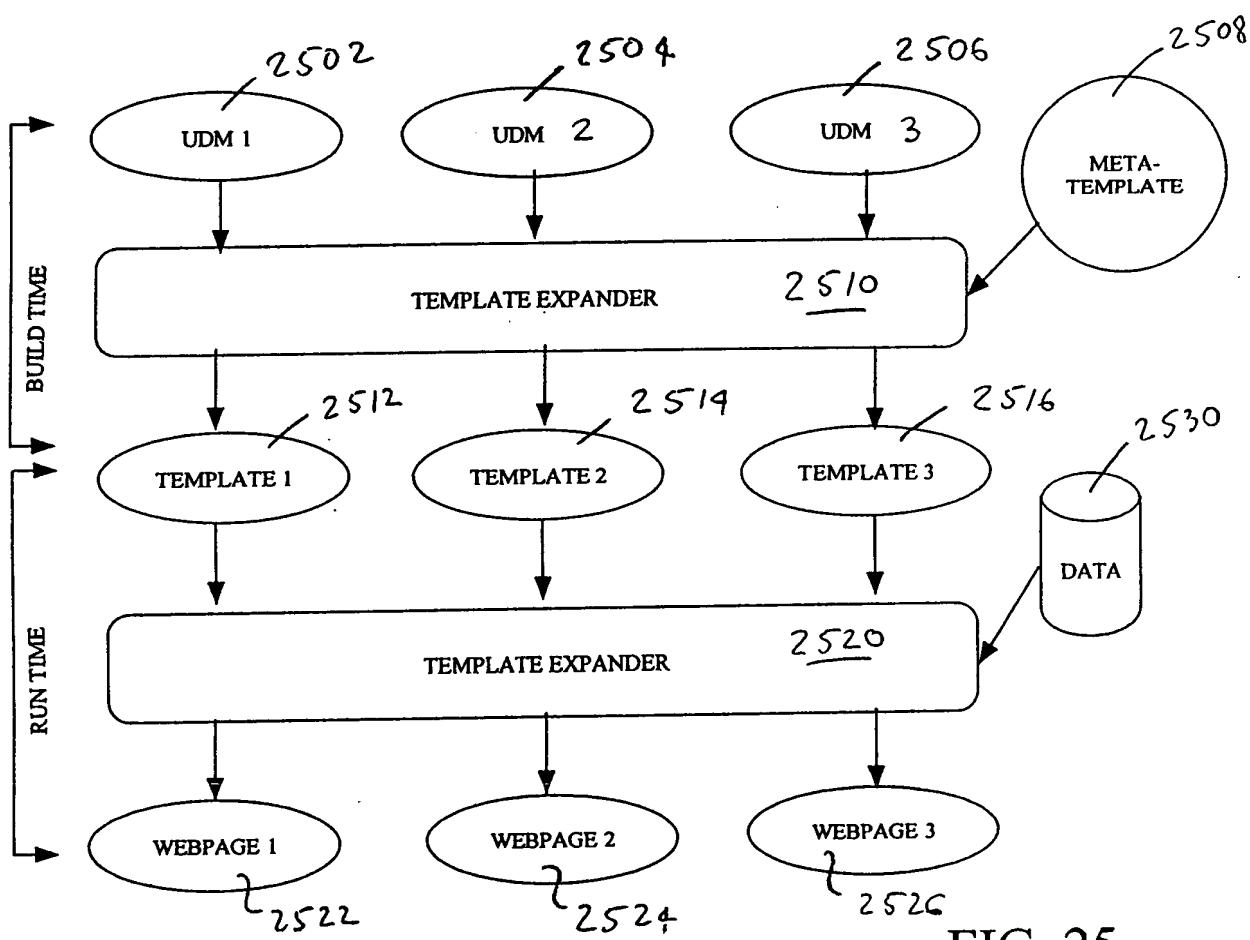


FIG. 25

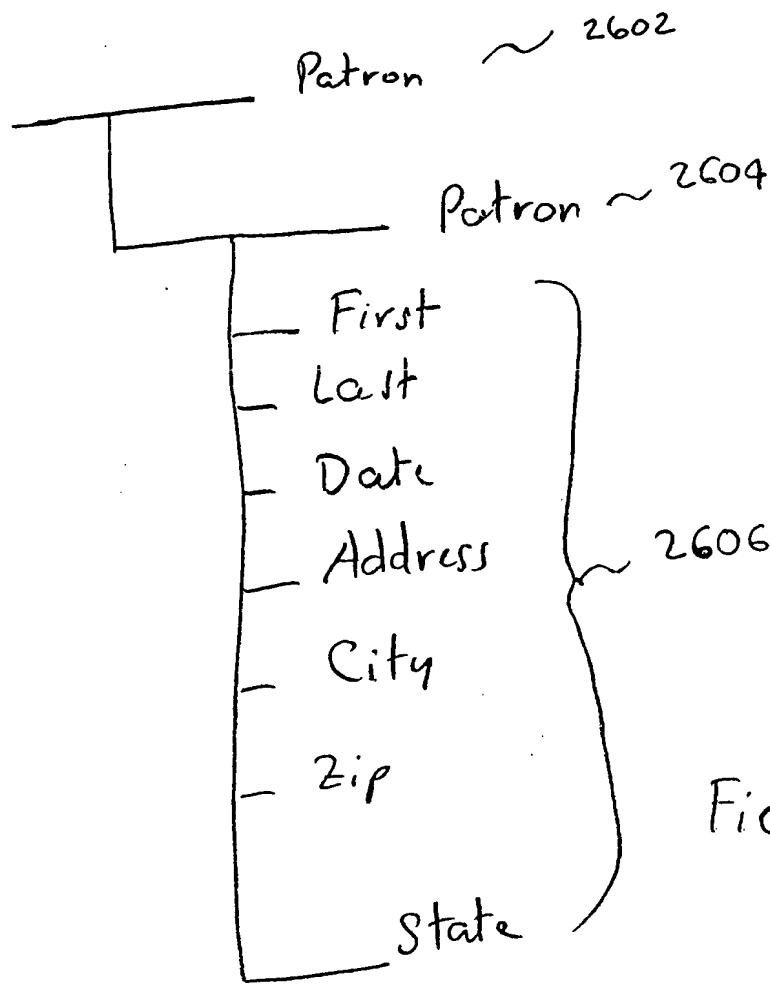


Fig. 26A

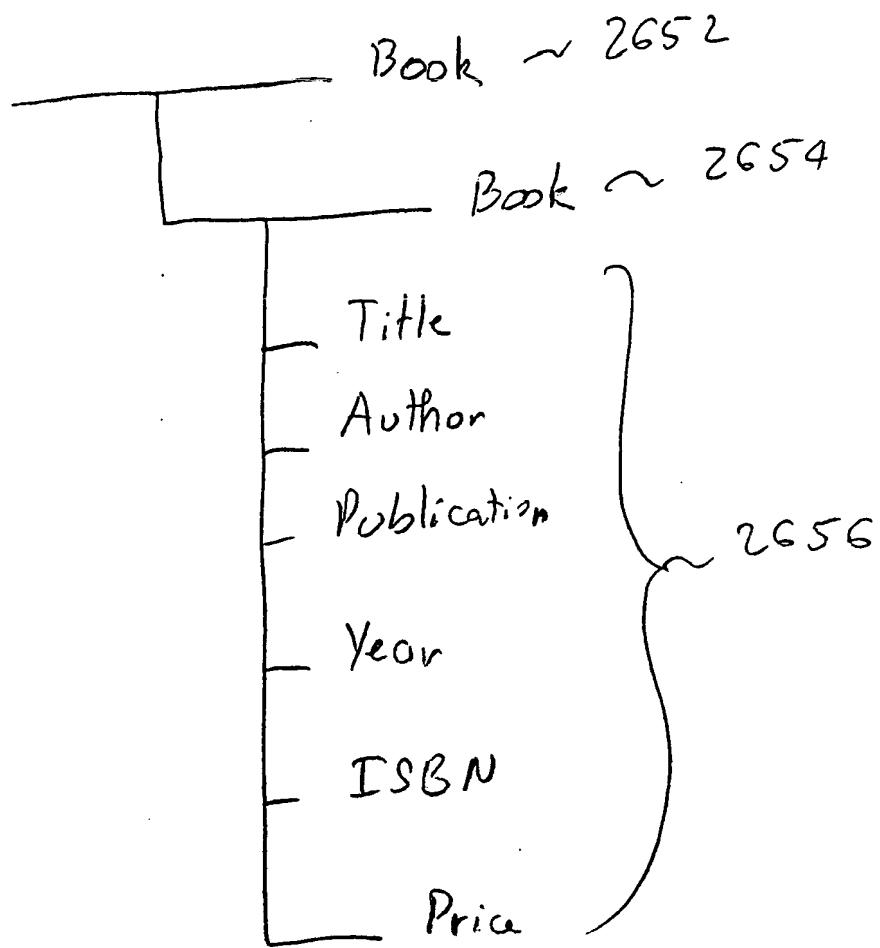


Fig. 26B



Edit Patron Detail

First name	Augusta
Last name	Wind
Date of birth	
Address	1 Easy St
City	Augusta
Zip	30333
State id	GA
[Redacted]	

FIG. 27



Edit Book Detail	
Title	Aches and pains
Author name	Arthur Itis
Publisher name	Humor Inc.
Year published	1998
ISBN	
Price	0

FIG. 28



Edit Patron Detail

<i>First name</i>	Augusta
<i>Last name</i>	Wind
<i>Date of birth</i>	
<i>Address</i>	1 Easy St
<i>City</i>	Augusta
<i>Zip</i>	30333
<i>State id</i>	GA

FIG. 29



Edit Book Detail

Title Aches and pains

Author name Arthur Itis

Publisher name Humor Inc.

Year published 1998

ISBN

Price 0

FIG. 30